

**ABSTRACT OF THE DISCLOSURE**

A method and system for controlling one or more properties of a sheet of material to be manufactured on a sheet-making machine is disclosed. Actuators to  
5 control the sheet properties are arrayed in the cross-direction of the machine.  
Properties data about one or more properties of the sheet of material are measured and both the magnitude of an actuator control action and the cross-direction shape of an actuator control action are controlled to minimize the variation of the measured properties data from a desired target for each of the one or more properties.